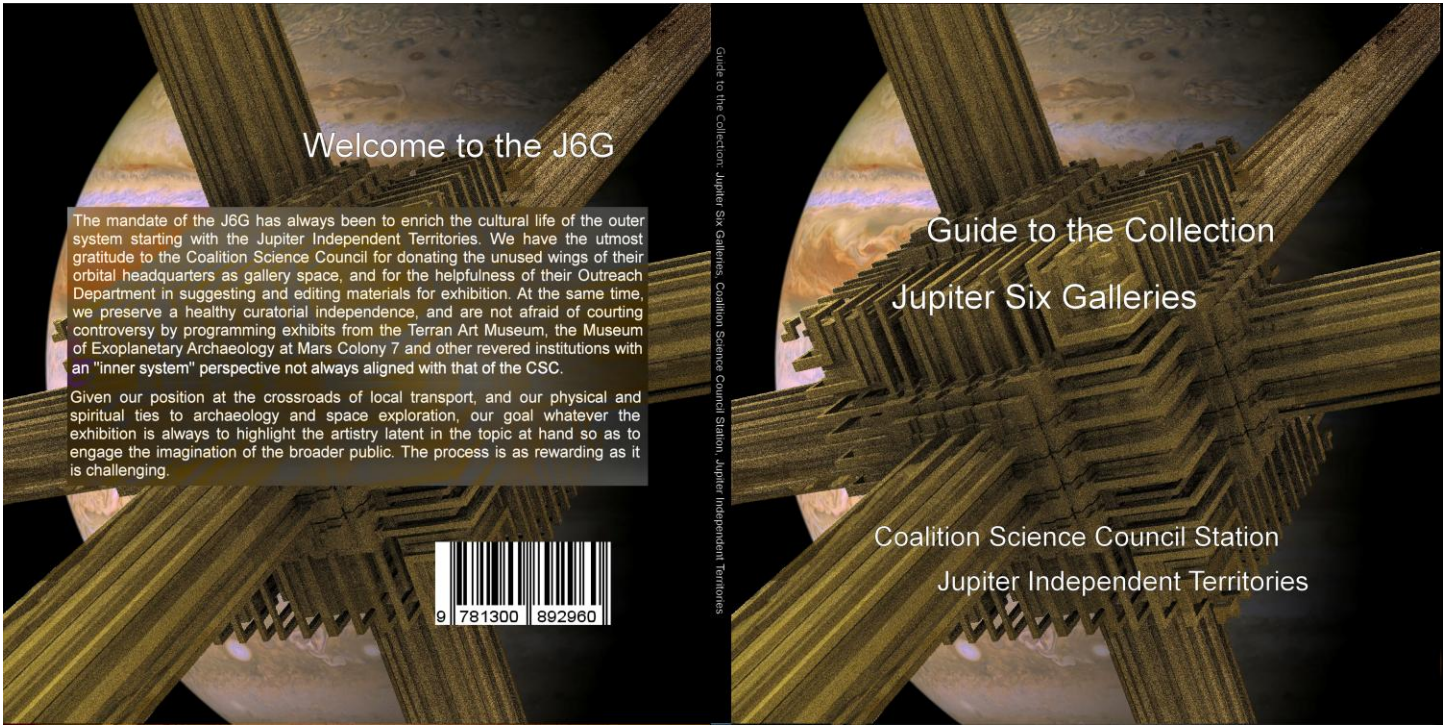

Welcome to the J6G
The mandate of the J6G has always been to enrich the cultural life of the outer system starting with the Jupiter Independent Territories. We have the utmost gratitude to the Coalition Science Council for donating the unused wings of their orbital headquarters as gallery space, and for the helpfulness of their Outreach Department in suggesting and editing materials for exhibition. At the same time, we preserve a healthy curatorial independence, and are not afraid of courting controversy by programming exhibits from the Terran Art Museum, the Museum of Exoplanetary Archaeology at Mars Colony 7 and other revered institutions with an "inner system" perspective not always aligned with that of the CSC.
Given our position at the crossroads of local transport, and our physical and spiritual ties to archaeology and space exploration, our goal whatever the exhibition is always to highlight the artistry latent in the topic at hand so as to engage the imagination of the broader public. The process is as rewarding as it is challenging.
9 781300 892960
Guide to the Collection: Jupiter Six Galleries, Coalition Science Council Station, Jupiter Independent Territories
Guide to the Collection
Jupiter Six Galleries
Coalition Science Council Station
Jupiter Independent Territories

Guide to the Collection:

Jupiter Six Galleries,

Coalition Science Council Station, Jupiter Independent Territories

All rights reserved

Copyright 2021 by David Petersen

All artwork copyright 2021 by David Petersen and Mandy Conti

This science fiction book is volume 2 of the exoplanetary archaeology series.

Welcome to the J6G!

Jupiter Gallery One: Inner Systems Archaeology.....

Jupiter Gallery Two: Outer Systems Archaeology.....

Jupiter Gallery Three: Visiting Treasures from the TAM-CPS.....

Jupiter Gallery Four: Digs Over Time (Spotlight on the Museum of Exo-planetary Archaeology, Mars Colony 7).....

Jupiter Gallery Five: Closed for Decontamination & Renovations .....

Jupiter Gallery Six: CSC Observation Lounge.....

Jupiter Gallery One: Inner Systems Archaeology

Exhibit No. 45

Head of a service droid. Mandle brotte Steppes, Tau Seti f.

Middle Sedimentary layer, circa 1.2K local cycles B.T.

Flexi-metal resin, mass-produced, internal components sufficiently intact to reverse engineer the basic specifications. Important find, as almost no technology predating the A EYE Wars has ever been discovered. CoRe is currently negotiating with the Seti Protectorate for permission to re-construct the original code through extrapolation of magnetic mapping data.

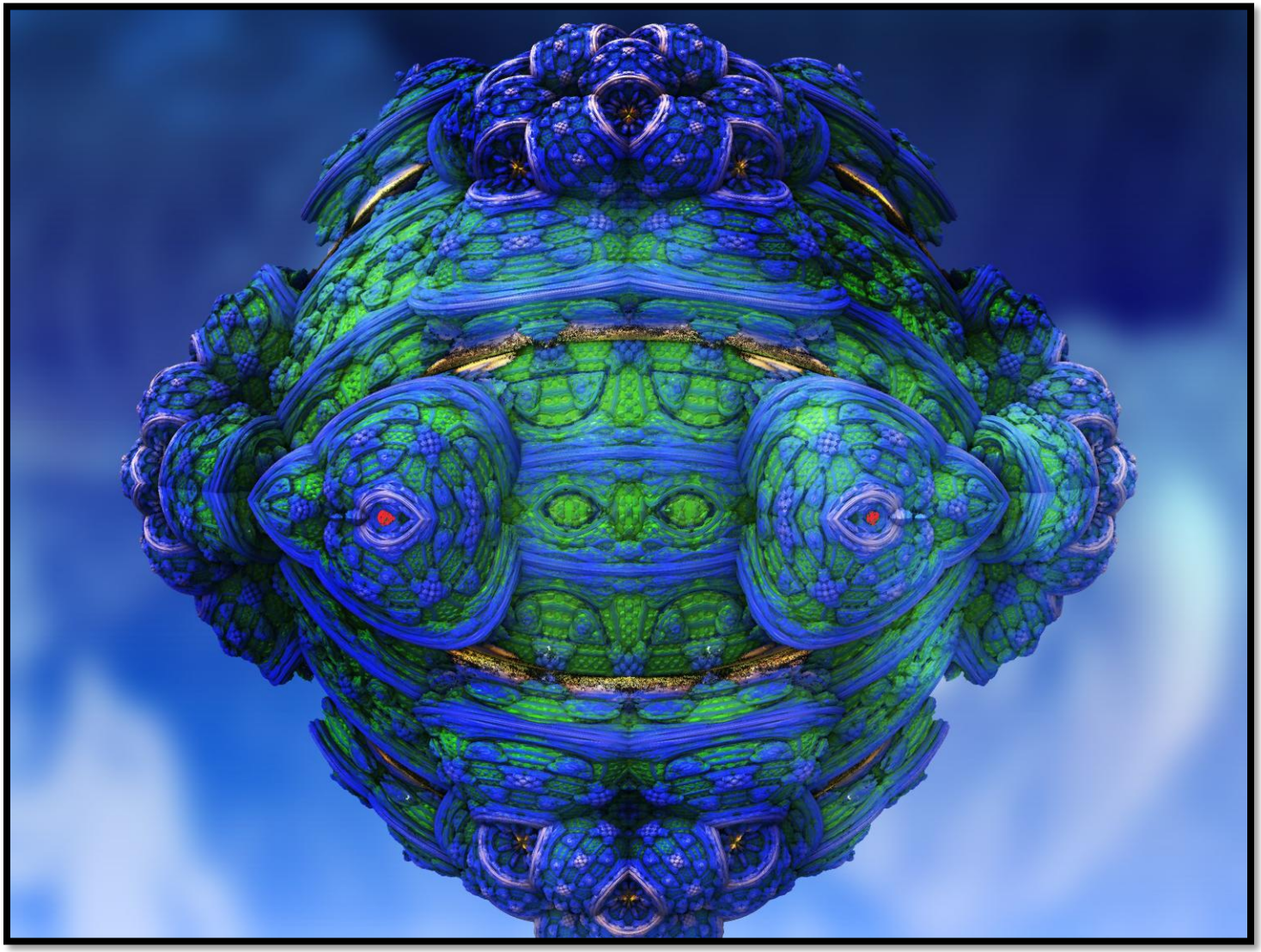


Exhibit No. 54

Knee joint from a military droid, recovered on Tau Seti f downstream of Terdragon Falls (Superficial layer, circa 800 local cycles B.T.) Specimen includes femur, tibia, and cruciate ligaments but is missing the patella. Unusually robust contingent of defence-nites and repair-nites were inadvertently reactivated during the recovery process, leading to contamination of several devices including the dig coordinator. Emergency protocols were enacted, and the coordinator was successfully evacuated to a nearby Coalition facility, where he is expected to reboot without incident.

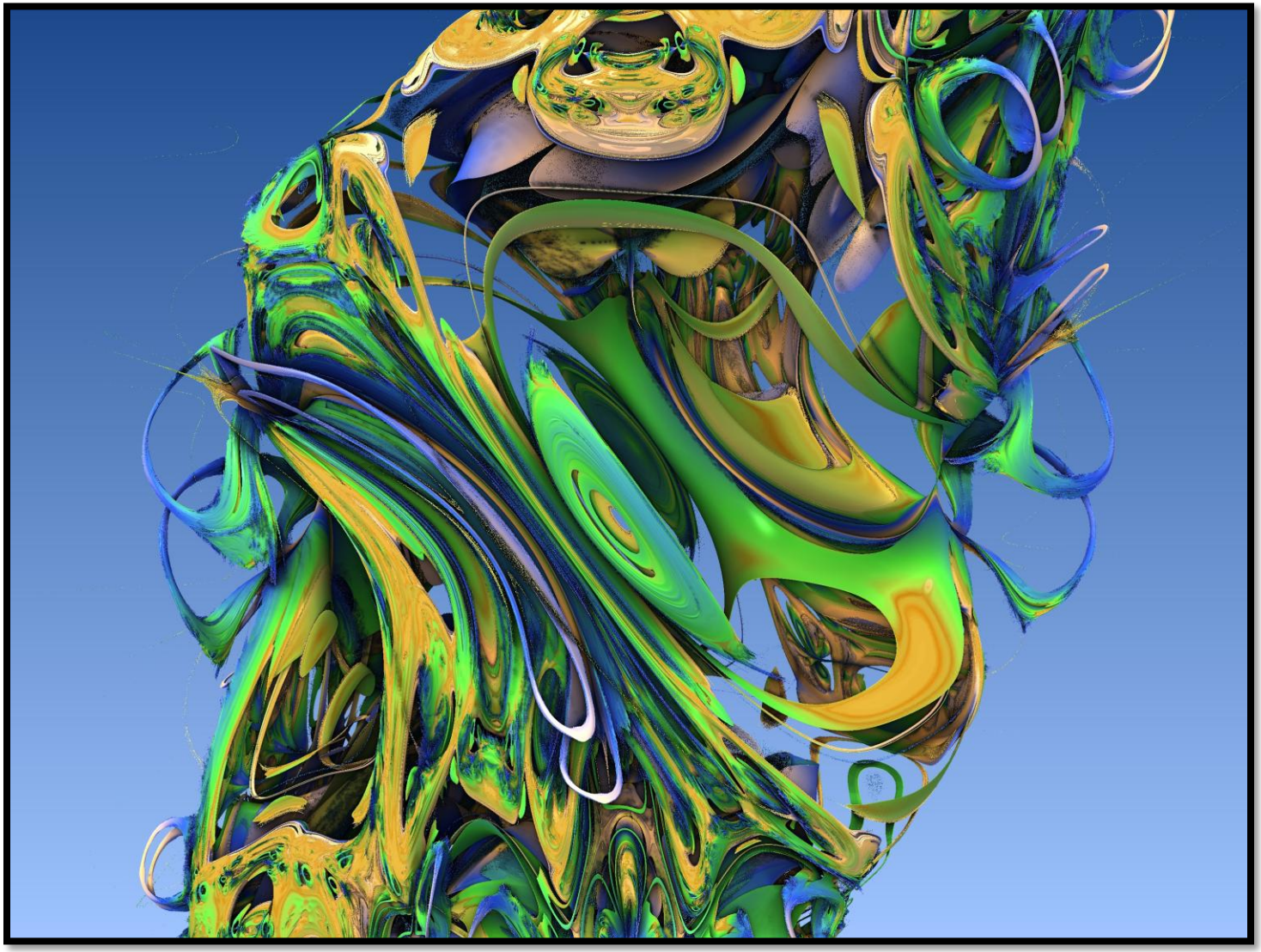


Exhibit No. 56

Book repository from caves at Hausdorff Southeast, TRAPPIST-1d. Redundant layer, circa 900 local cycles B.T.

Unique, intricately crafted solander/phase boxes built from combinations of brass, burnished steel, polished stone, and glass. In use for more than a local century, and possibly concurrent with scroll-burning practices at the southern court. These finds were initially interpreted as a reaction to the destructive excesses of the Hausdorff Dynasty, i.e., a ceremonial attempt to preserve knowledge rather than reduce it to ashes. More recently Peano eht All, have noted that since none of the solander boxes incorporate hinges or clasps, and all appear designed to remain permanently shut, they in fact represent a continuation of the elitism of the scroll-burning culture, specifically an attempt to render knowledge inaccessible, just by different means.

Incidentally, most of the texts, which are laser etched onto sheets of natural resin, either detail the daily activities of socially prominent individuals or describe how to operate devices.

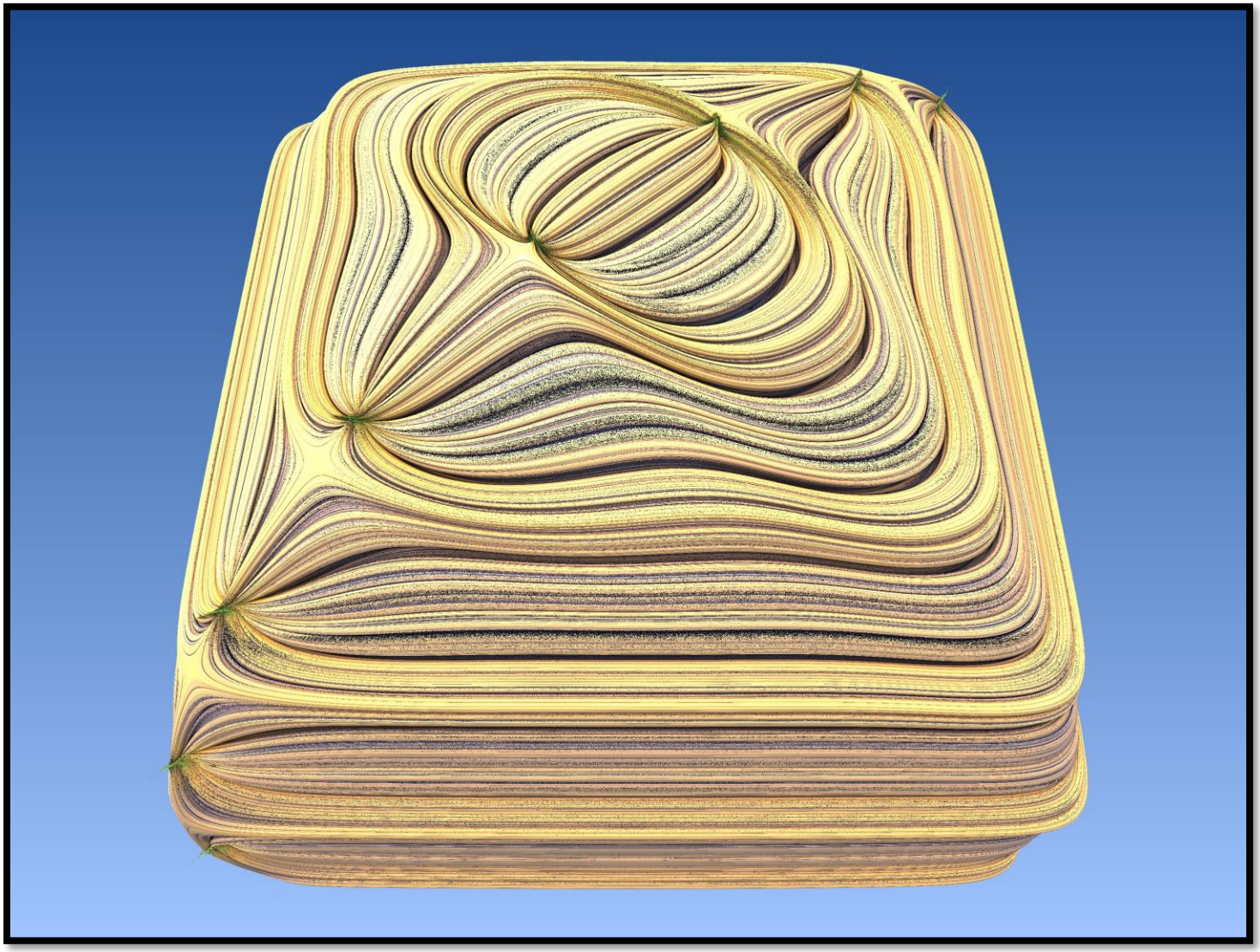


Exhibit No. 62

Automated local administrator for the Big Bad empire. (TRAPPIST-1d, Pascal's Bog, circa 9800 local cycles B.T.) At its height, the reign of terror initiated by the tyrannical A EYE, known as Big Bad, encompassed every system within 70 light-years of Teegarden's Star b.

Automated processing nodes such as this one were installed on each conquered world to coordinate the subjugation of the indigenous population with an eye to plundering their resources more efficiently. On the destabilization of the empire, the administrators were left to face the pent-up resentment of their charges, and most ended up slowly and creatively disassembled. This rare find escaped the fate of similar servers as it was tipped into a lake, where it lodged in the sediment and remained forgotten until the bog was dredged. Note that in line with Coalition regulations, neutralization of the neural material was confirmed prior to salvaging.

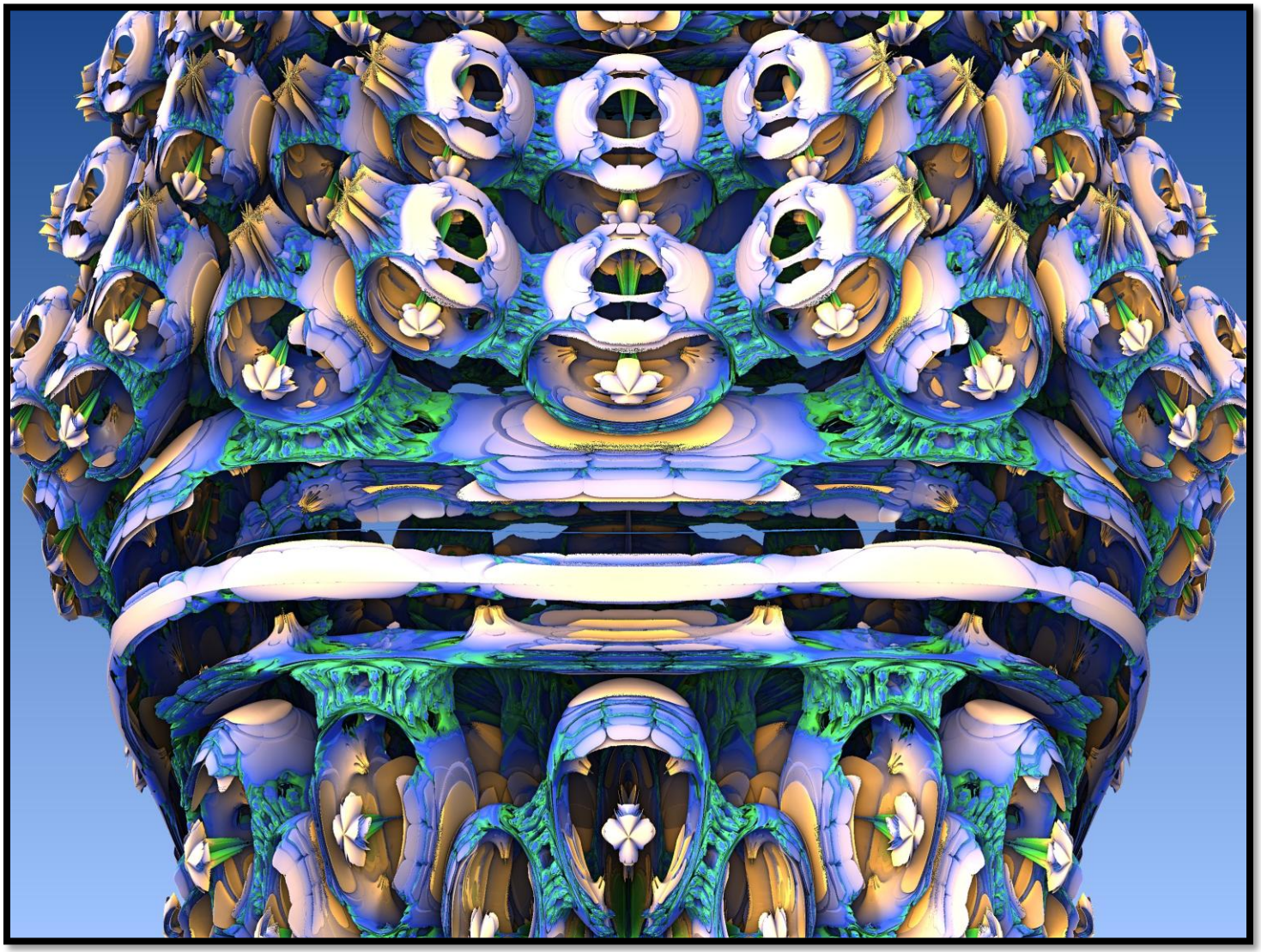


Exhibit No. 63

Replica of an administrative communications device from the shared Dynastic treasury ("Three Are One" Hall) on Gleese 581c. (Central City, date unknown.) Much of the information on this reclusive culture must be inferred, as asking questions is considered bad taste. It is believed that this instrument was used to hold summit meetings between the leaders of the two colonies in the temperate band on 581c, and the home world (almost certainly 581g). The signal from 581g was somehow projected from the central dais, while the Central City signal appeared on the projector above, and their sister colony (now abandoned) below. Nothing beyond a printing scan was permitted, so we can only speculate on the technology, likely a variant of phase-enhanced solid holography.

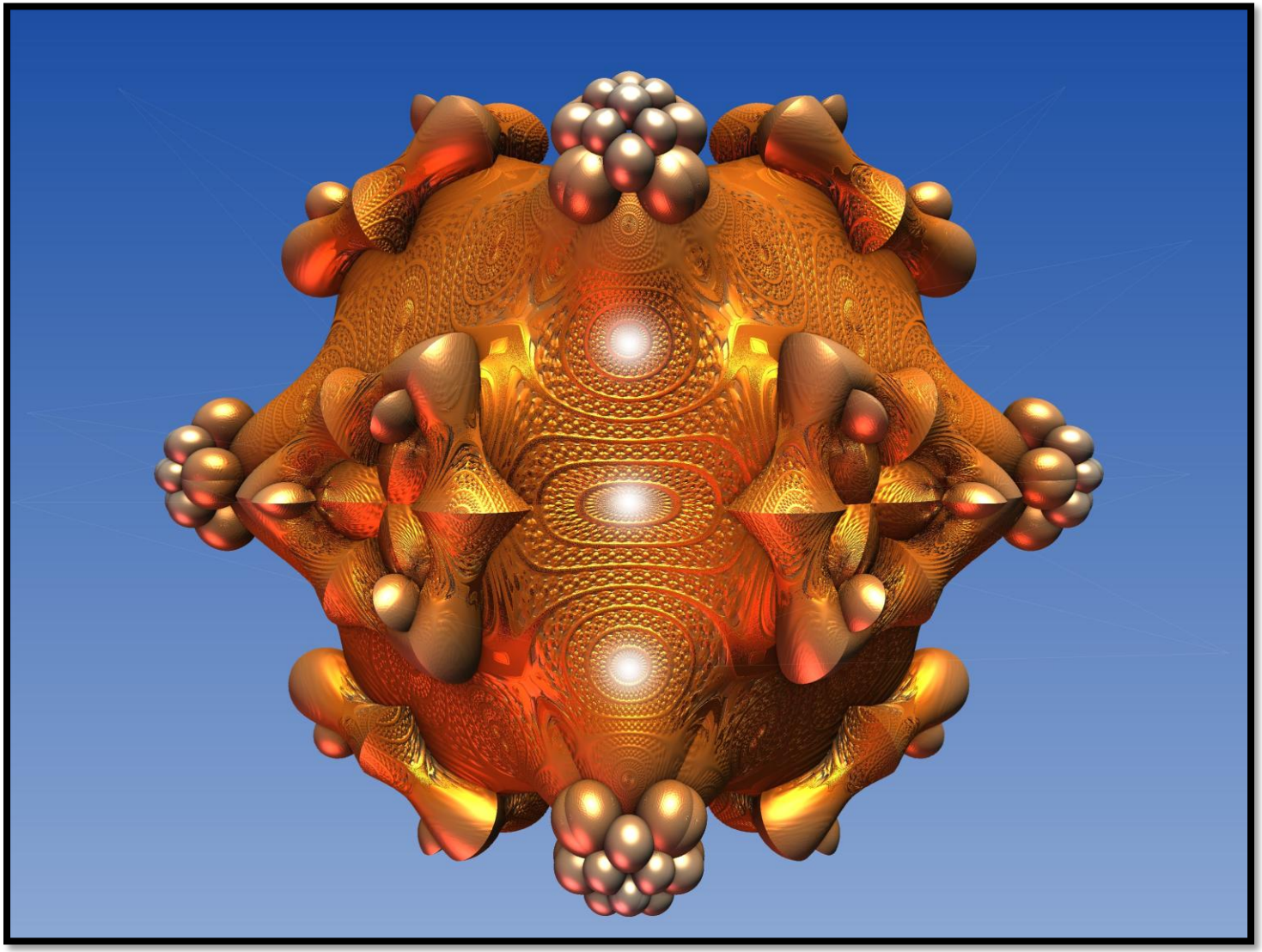


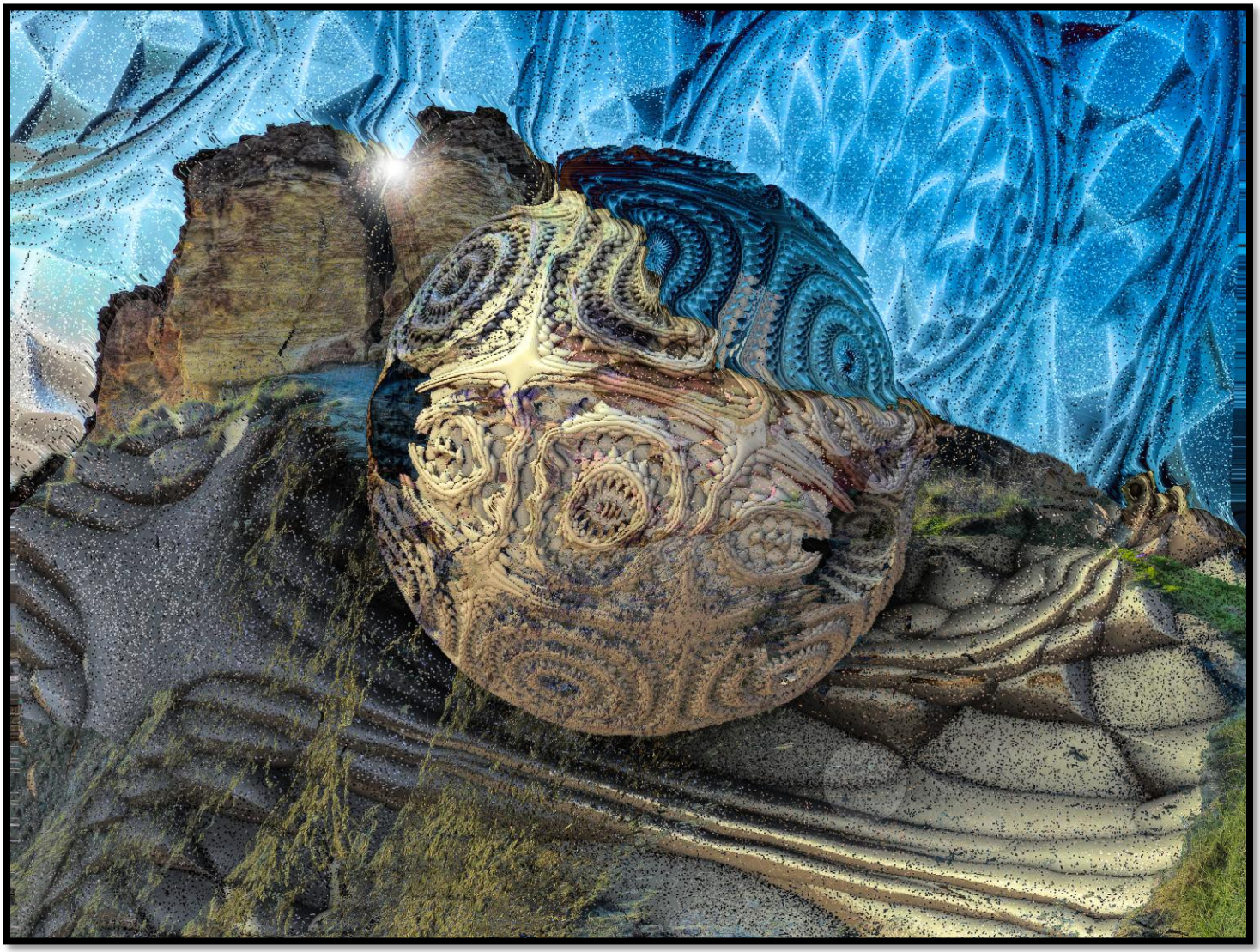
Exhibit No. 67

"Deep Sea Nightmare from the Before Time"

Indicative of the highly-refined metalwork in the Dynastic treasury on Gleese 581c. Smoked-bronze casting, gilded with copper/gold, copper/silver and other alloys to create subtle color con-trasts, then worked and polished, and finally completed with spot applications of varnish. The artist appears to have had an animal in mind, which is problematic as there is no com-plex life outside the colony walls, and certainly no deep seas anywhere on the planet. An intriguing possibility is that the piece represents a collective memory of something on home world 581g, which is known to have substantial water reserves, but remains unexplored due to a reluctance to establish ties with the Coalition.

Exhibit No. 69

Analysis of the artifacts in the Dynastic treasury on Gleese 581c has revealed an unexpected find: a functional seal matching the lock on the entrance dome to the abandoned sister colony on the opposite side of the temperate zone. Official inquiries about its founding and loss have gone unanswered in part because asking questions is discouraged in this culture. Coalition Archaeology plans to investigate the viability of using a 4D print of this seal to gain access, and mounting a low-key reconnaissance mission without asking permission of the Dynastic representatives (so as not to give offense). In addition to being enormously important in its own right, Colony 1 might provide information about enigmatic home world 581g, the only planet in the history of the coalition to decline First Contact.



Jupiter Gallery Two: Outer Systems Archaeology

Exhibit No. 52

Musical instrument from Kepler 186f. Foothills of the Sierpinski Range, Moraine layer, circa 400 local cycles B.T. The Boomerang Brass is neither boomerang-shaped nor made of brass, but the moniker is now firmly entrenched even in academic circles. The instrument is played by throwing it vertically with a snapping motion of the wrist to ensure both translation and rotation. Music is generated as air rushes through the apertures during ascent and descent. The tradition is preserved to this day by skilled musicians who vary the tone and phrasing through subtle adjustments to the torque and highest point of the trajectory.

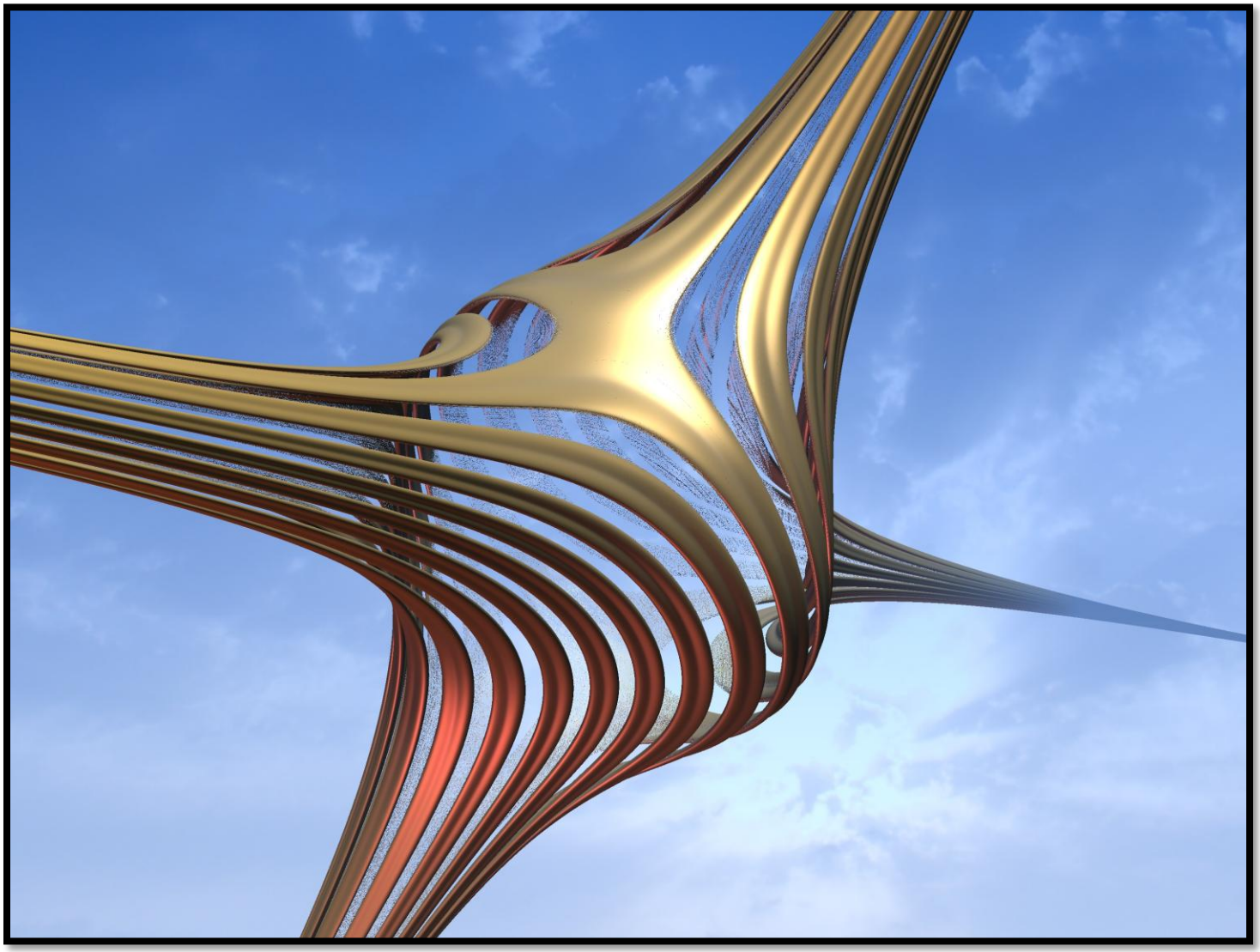


Exhibit No. 53

Depiction of a zoo-oh-morphic figurine recovered from the home world antiquities market after being looted from a dig on Kepler 186f. (Sierpinski Plains, Spatial layer, circa 300 local cycles B.T.) Consists of a scored baroque pearl shucked by artisans at great personal risk from the groves of clam plants (*Lamellibranchiata Venerida Droseraceae*) lining the divide between the plains and the Wolfram desert. "Bird Spirit Subjugating Land Animals" is one of a set of Myth Tellers, devotional carvings central to indigenous spiritual practices for local centuries.

Exhibit No. 59

A Hall of Records has been discovered on distant Kepler 452b (Southern coast of Von Kotch Island, limited accessibility due to seismic activity and changes in sea level following the Comet Catastrophe.) The sophisticated structure dates to at least 4300 local cycles B.T. and appears to have functioned for generations as an automated astronomical research center. Further investigation is warranted, as the small percentage of storage elements that remain salvageable contain decades or perhaps centuries of observations related to meteorology, solar radiation, atmospheric chemistry, and other environmental conditions on several solar twins within a 1500 light-year radius.

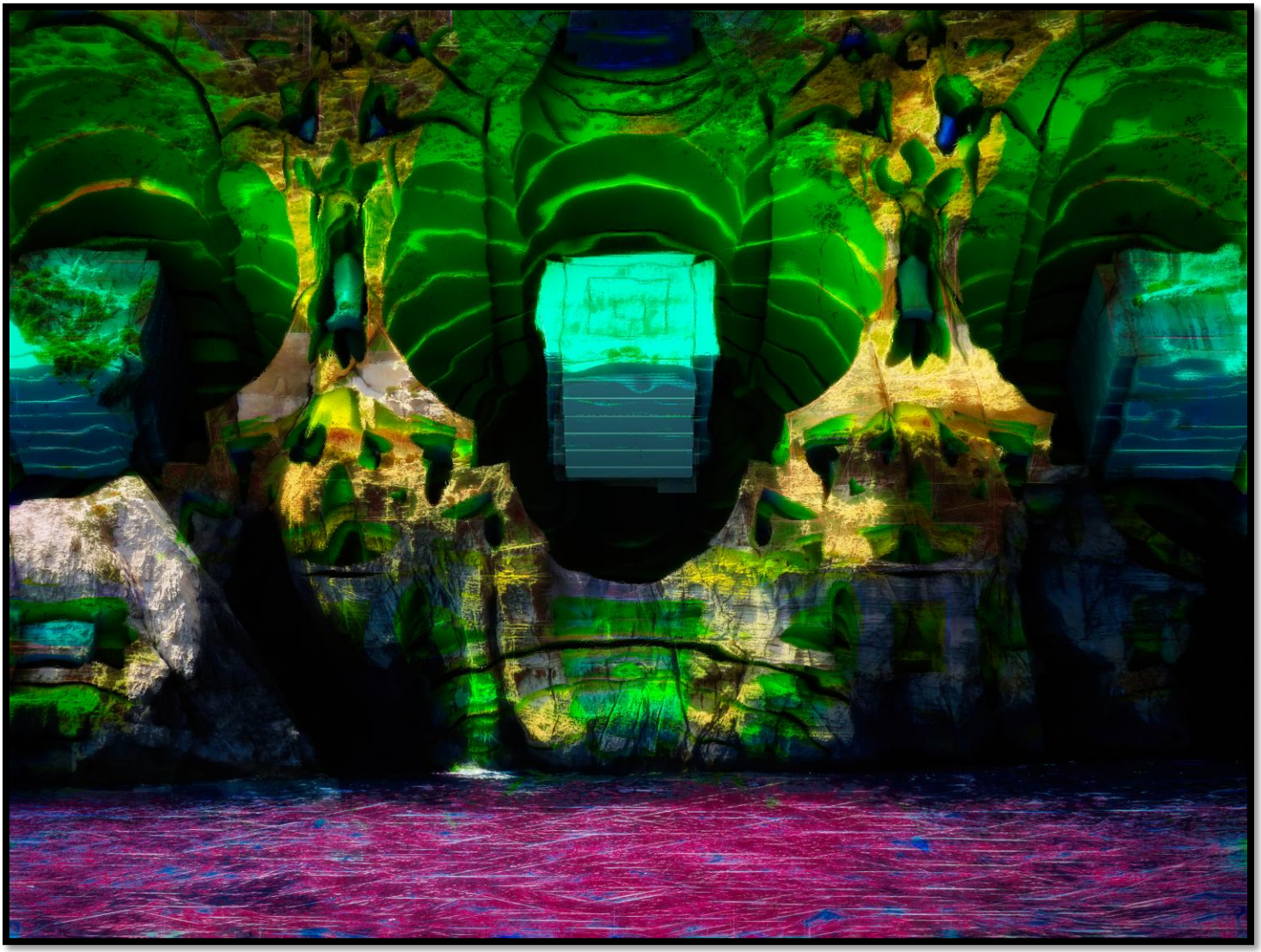


Exhibit No. 61

Depiction of an integrated sensor and transmitter retrieved on Earth from beneath the largest sarcen at Stonehenge. (Manufactured at Kepler 452b, circa 4287 local cycles B.T.) Among the surprises retrieved from the Hall of Records on Von Kotch Island was an entry for a solar twin located in an astronomical nature reserve 1500 light-years distant. According to the metadata, Sol-3 (Earth) was fitted with a network of devices to monitor meteorological changes as well as solar radiation, and atmospheric chemistry. The crude but effective phase tech effectively concealed the sensors and provided stable, pseudo-real-time communications for hundreds of Terran years. The chosen locations (Stonehenge, Mohenjo-daro, Hau akka Prieta, and Shandon palace) suggest an interest in tracking the environmental impact of cultural development, and although much of the data is now irretrievable, what remains is an unexpected windfall for Coalition historians, environmental researchers, and cultural anthropologists similarly engaged.

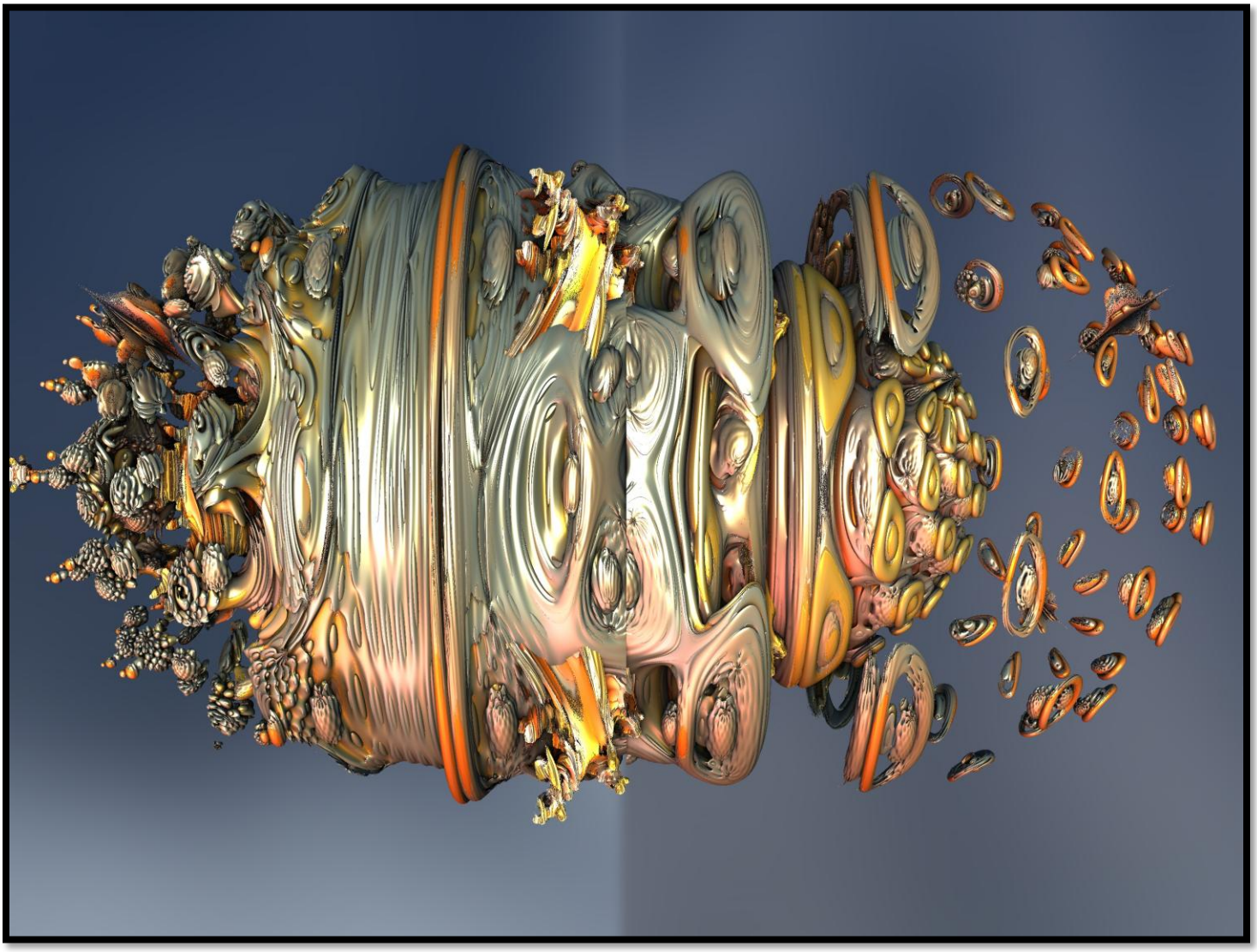


Exhibit No. 64

Depiction of an antique woven head-covering worn by workers entering the hive council chambers on official business. (Kepler 62E, Thane Hive Vaults, circa 200 local cycles B.T.) The garment allowed the speaker to be identified, yet maintained the social distance appropriate on formal occasions. The design accommodates the compound eyes, but there is no room for the antennae to extend, which makes it both uncomfortable and unhealthy. The attire was supplanted by less cumbersome wear over the local years, until today, hive members merely don a slotted eyepiece as a nod to tradition.

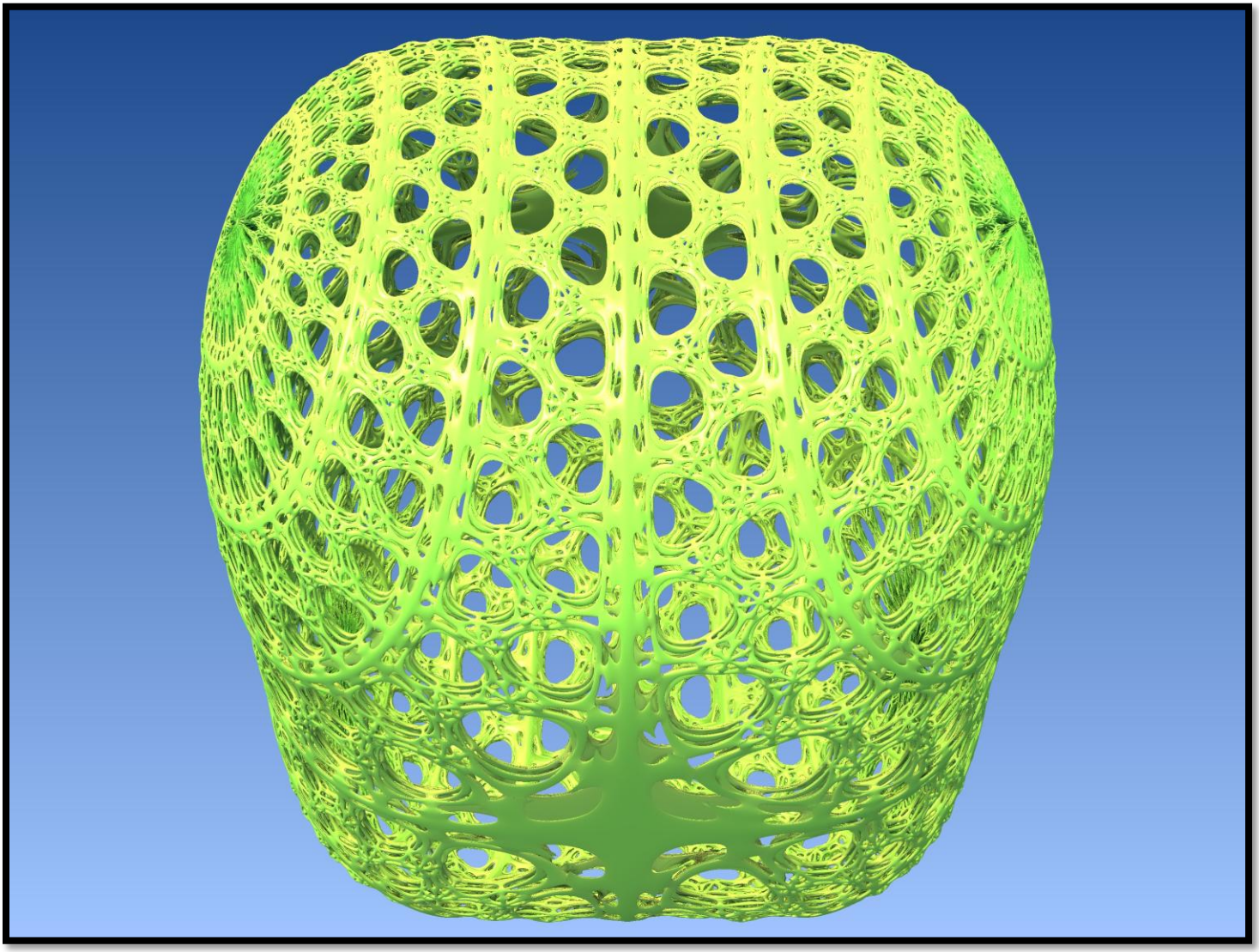
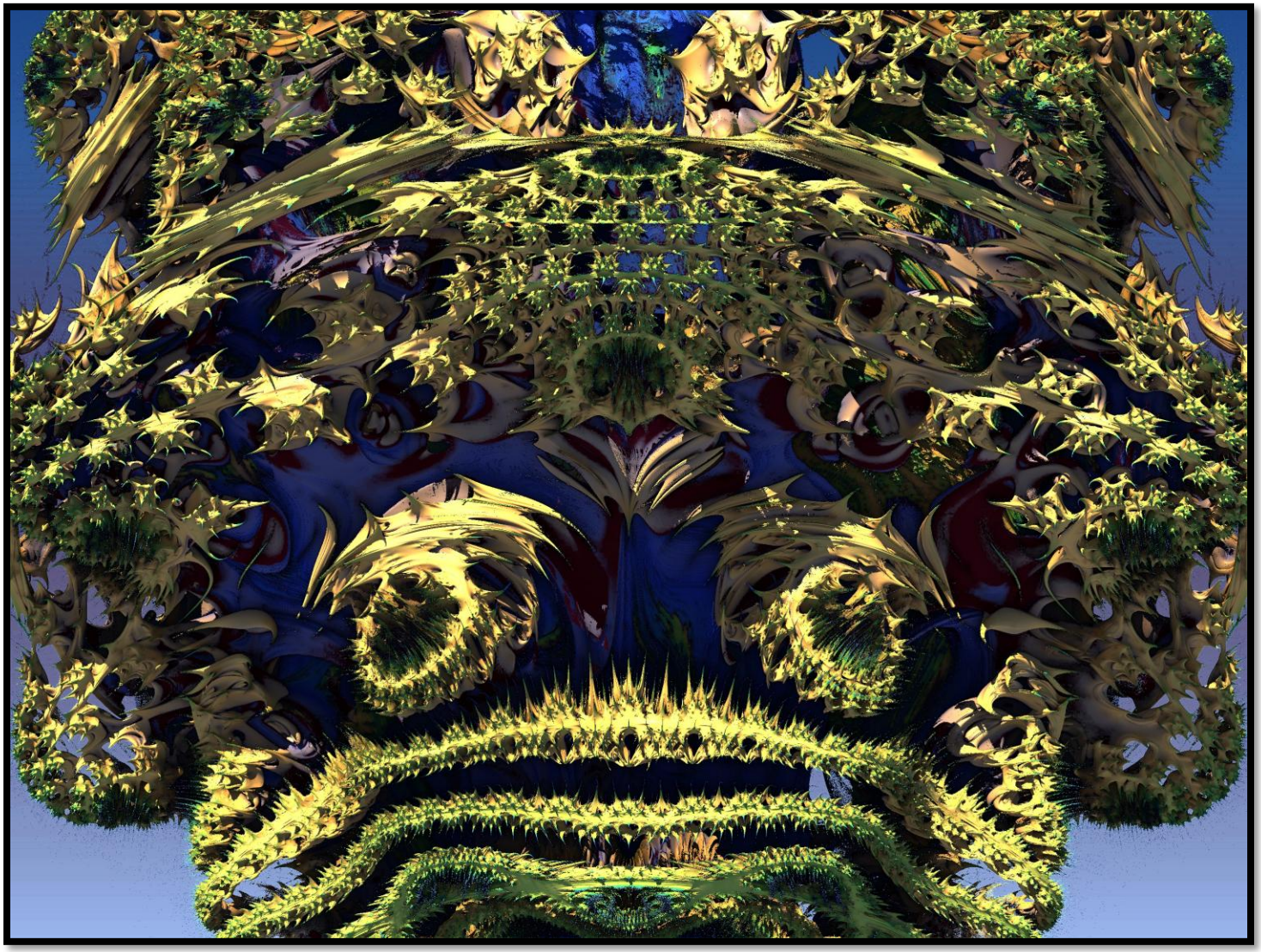


Exhibit No. 68

Depiction of a decorative headdress from the Processional Way (Kepler-186f, Pre-court layer, 1.4K local cycles B.T.) The design is familiar from masks worn by the Shaman/Umpire at sacred sporting events, but the artifact is oversized, and the cavity beneath the woven floral embellishments is filled with a bioplastic matrix. Brownian eht all, suggest that much like portable shrines, such objects were symbols of religious authority and were used to sanctify whatever multipurpose space they were placed in temporarily.



Jupiter Gallery Three: Visiting Treasures from the TAM-CPS

We are deeply grateful to the Terran Art Museum & Cultural Preservation Society for entrusting us with this selection of artwork predating the Lesser EMP, entitled “Nostalgia for Realism: Highlights of the Terran Early Digital School”.

Kindly avail yourself of the neural mist at the gallery entrance. It contains an overview of the historical context of this movement, as well as what little information has been pieced together about each work.

“Tuscan Countryside”

- TAM Code: 5915587277

“Landscape with Rabbit”

- TAM Code: 1500450273

“Entropy”

- TAM Code: 3267000017

“Shibuya Crossing”

The artist has not handled the perspective of the stairs correctly, but it is otherwise a charming piece of art.

- TAM Code: 4093082891

“Seascape 1”

There are many references to beachballs in early literature. Perhaps this is an illustration of one.

- TAM Code: 9576890763

“Seascape 2”

A delightful work executed in a style then called “nineteenth Century Roman-ism”.

- TAM Code: 3628273133

“Landscape 1”

- TAM Code: 2860486313

“Trash is Treasure”

The title is an illustration of the paradoxical language in vogue at the time. For example, to talk trash meant to hold someone in high regard.

- TAM Code: 5463458051

Jupiter Gallery Four: Digs Over Time (Spotlight on the Museum of Ex-o-planetary Archaeology, Mars Colony 7)

We are grateful to the New Toronto Museum of Ex-o-planetary Archaeology, Mars Colony 7, for cureating this exhibit dealing with their ongoing projects on TRAPPIST-1d and Teegarden's Star b. It shows how following the evidence can lead to unexpected connections with other worlds and even other systems.

Exhibit No. 47 (TRAPPIST1-d)

Illustration of a personal flyer uncovered at the Hausdorff East dig on Trappist-1d. Echoic layer, shortly after the Astro Colonization Event (ACE) by neighboring 1E, circa 587 local cycles B.T.

Typical of distinctive 1e tech, the flyer in its deactivated state consists of a lightweight blue disc of programmed memory material. Standing at the center activates the decompression process, and the pilot is quickly envel-ept by the rapidly deploying craft. The sleek exterior of this early find is completely devoid of decoration; incorporation of indigenous motifs will not begin in earnest for another 150 local cycles.

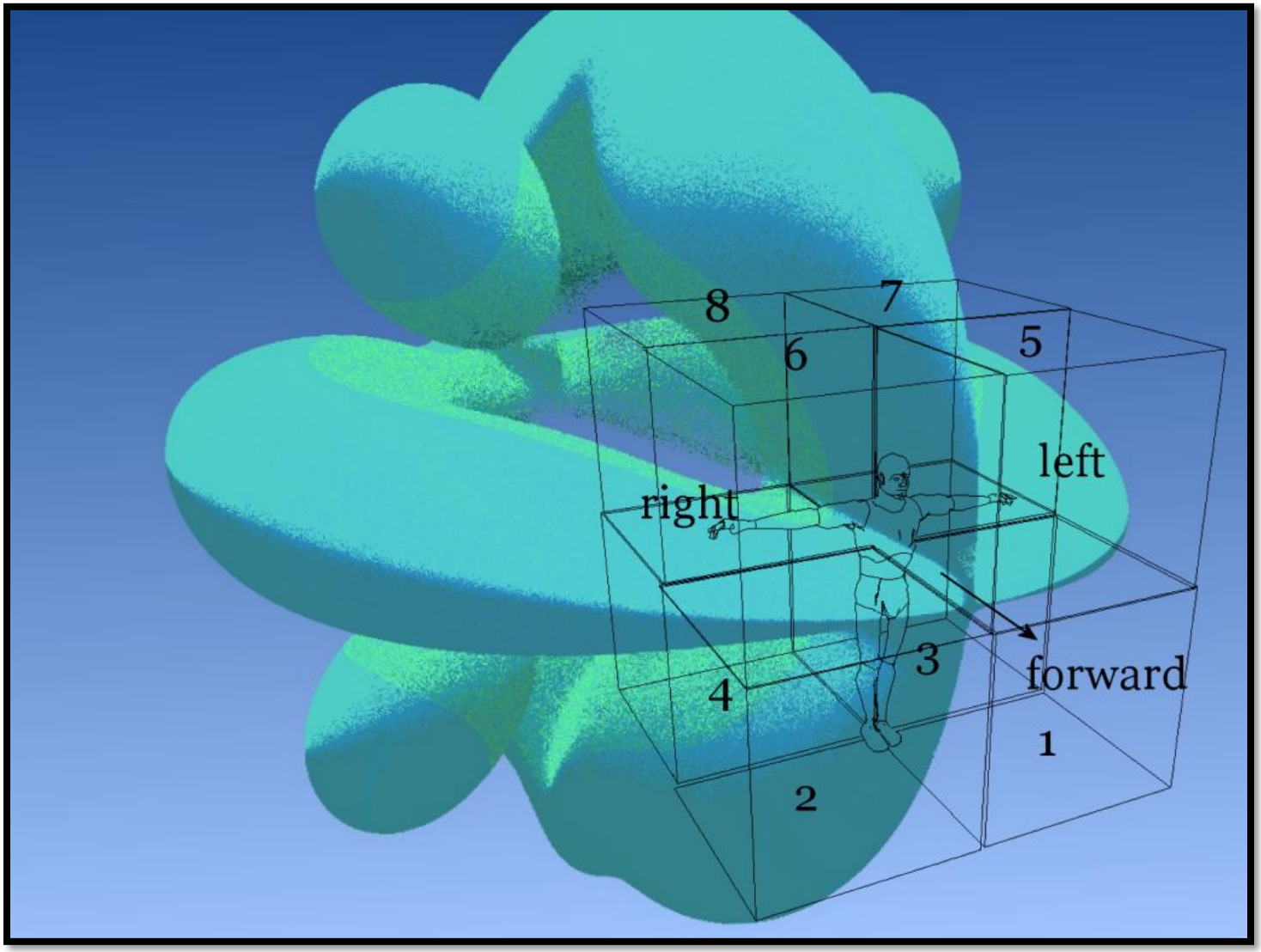

8
7
6
5
left
right
3
forward
4
1
2

Exhibit No. 48 (TRAPPIST-1d)

The Hausdorff East team on TRAPPIST-1d has reported the ground-breaking discovery of memory material capable of differentiating into a personal submersible craft. (Echoic layer, circa 400 local cycles B.T.) To date, all such artifacts have decompressed into personal flyers when activated. The disc in question was inert and considered defective, until it deployed unexpectedly while being rescued from a flooded storage bay. Apparently, memory discs are sensitive to moisture levels and other environmental clues as well as contact with a potential user. In addition to expanding our knowledge of post-colonial society, this tech might find its way into the toolkits of underwater archaeologists if the promise it shows bears further scrutiny.

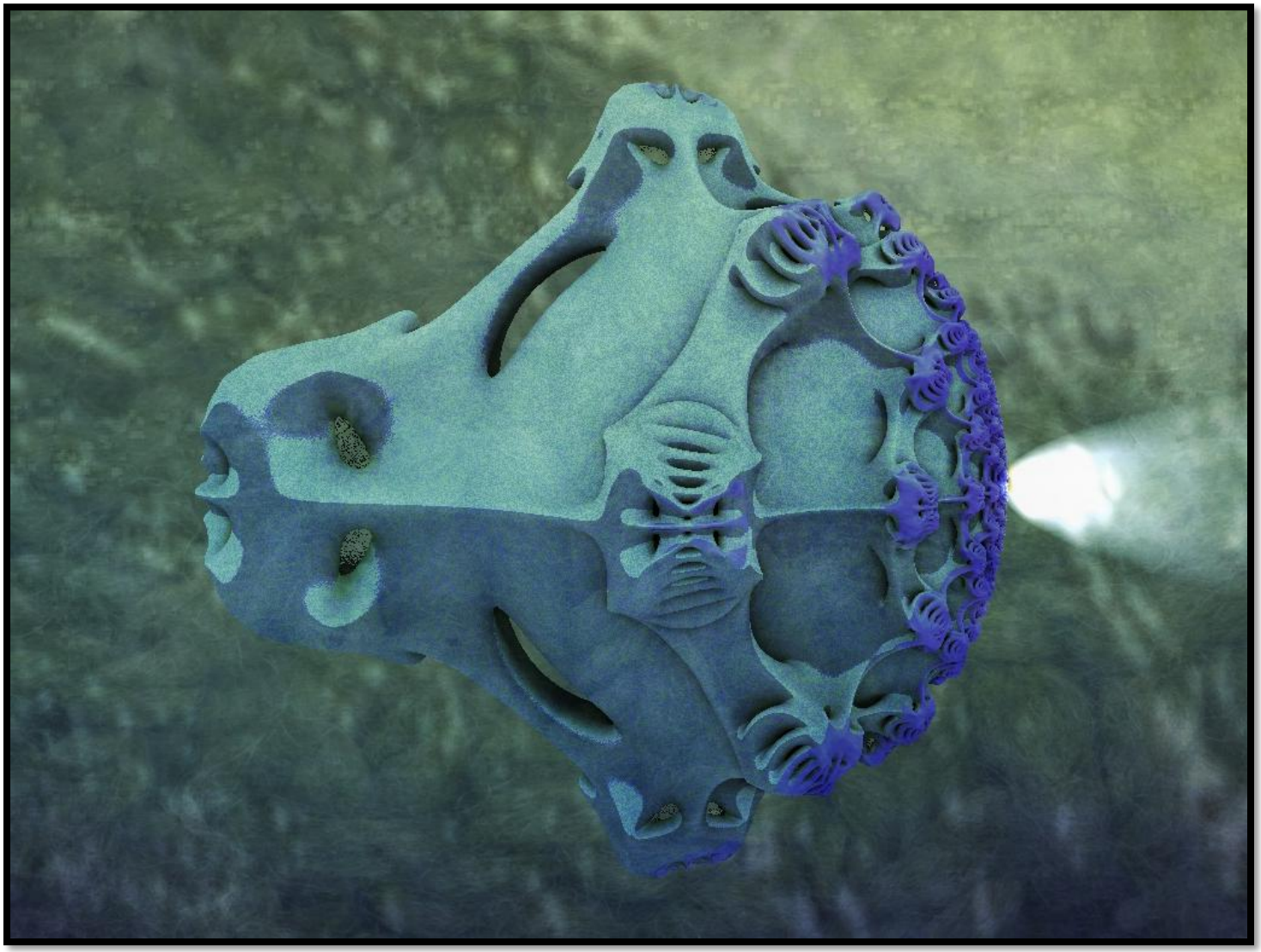


Exhibit No. 49 (TRAPPIST-1d)

Report from the dig at Hausdorff East on TRAPPIST-1d. Recent flash floods and ensuing mud-slides have uncovered a largely intact portion of the fuselage of a military transport shuttle from adjacent ice world 1e.

The ship could accommodate 50 passengers and crew, and may have facilitated the arrival of the first colonists as early as 587 local cycles B.T. In any case, it was certainly part of a convoy of similar ships and larger administrative vessels, functioning as an orbital command center for the duration of the incursion process. Incidentally, the ruins contain sophisticated bioelectric circuitry perfectly matching an earlier find mistakenly attributed to the ubiquitous personal flying vehicles so prevalent about a century later.

Exhibit No. 70 (TRAPPIST-1e)

Long overshadowed by its more temperate sister planet, TRAPPIST-1e promises a wealth of high technology finds for those willing to accept the manifold risks. With the completion of the automated cartographic project, it was decided to launch a landing drone from the research station in permanent orbit around 1d.

An artificial cave on Intolerably Cold Ice Shelf, Northern T-Squareland, was selected from a shortlist of locations with the highest industrial pollution count, but lowest viral load and radioactivity. The choice proved moderately successful, as a series of antechambers led into a storage facility with a variety of (now dysfunctional) seedling incubators. The cave walls date to 4,000 cycles B.T. and the horticultural equipment to 250 cycles B.T., suggesting that one or more waves of stragglers from the cities took refuge here in the years after the collapse of the global culture. Further investigation is warranted.

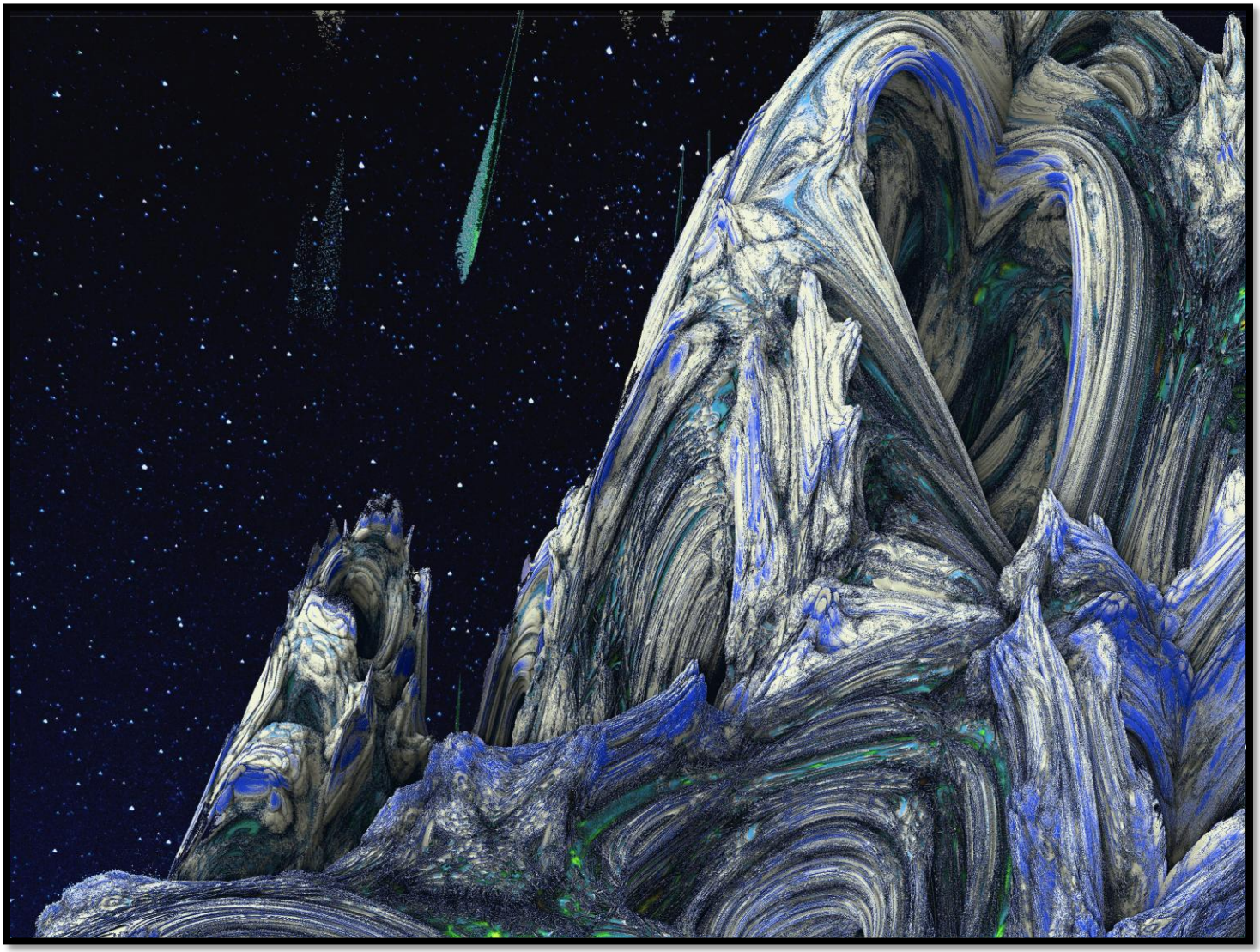


Exhibit No. 71 (Teegarden’s Star b)

Altarpiece from a subterranean site on Teegarden's Star b. (Yegan Badlands, circa 500 local cycles B.T.) Discovered when a patch of ground crumbled beneath a spider shepherd, revealing a system of caves, some extensively reworked. This mixed-media alabaster and waxed silk artifact was clearly associated with the powerful but elusive Cult of Mysteries dedicated to the Priests in Blue, demigods with an extensive list of supernatural abilities. From the perspective of an interstellar archaeologist, the design suggests at least second-hand knowledge of a multi-passenger phased transport column or similar technology. Given that the 100 local millennia-old PAC stellah originated in this system, the possibility of a science inspired religion must at least be considered.

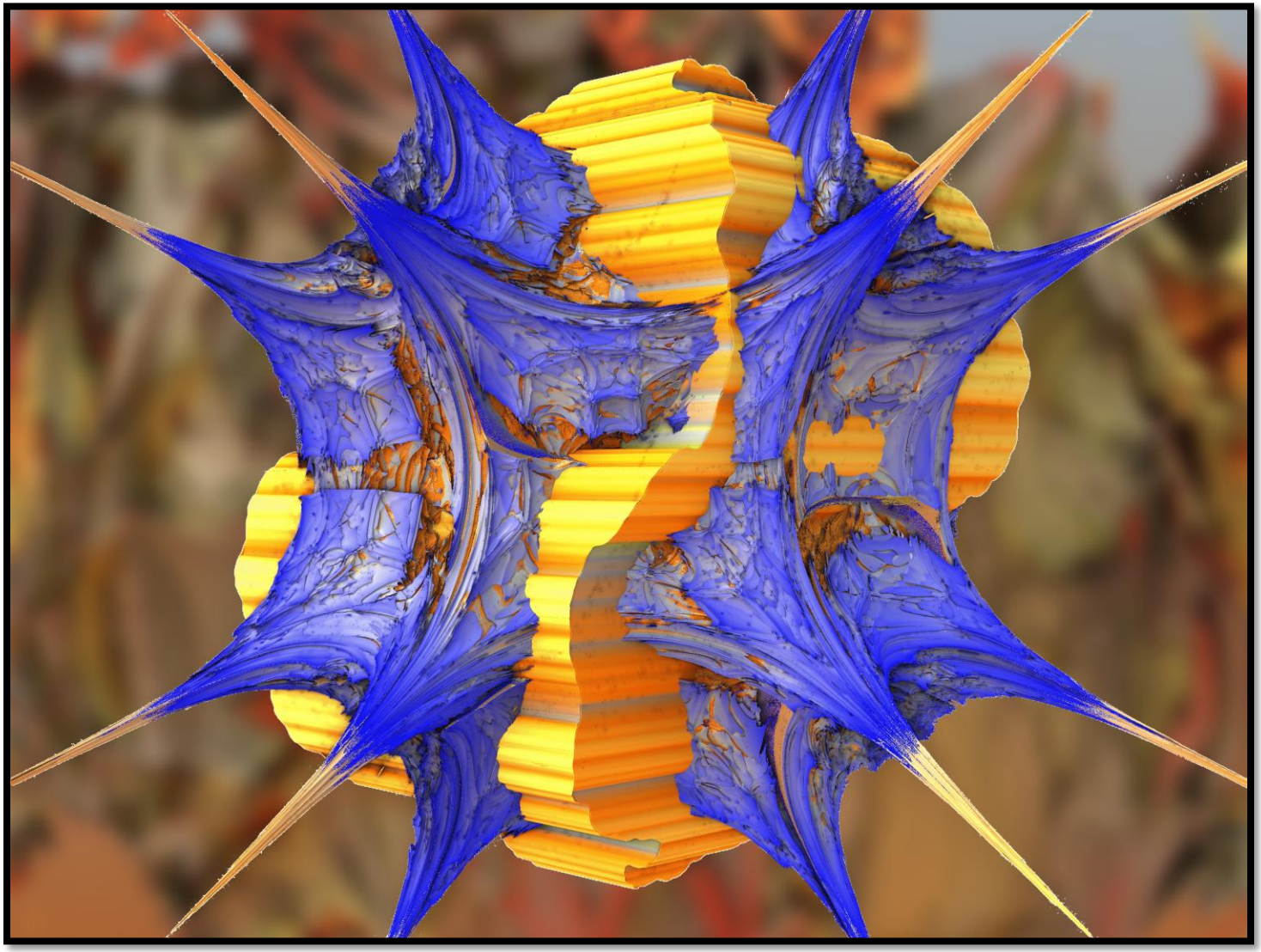


Exhibit No. 72 (Teegarden's Star b)

The recently discovered subterranean cave system in the Yegan Badlands is quickly becoming the most significant dig site on Teegarden's Star b.

Pictured here is a figurine illustrating the Emergence of All from the Center Point, a familiar theme from Teegarden mythology. To the surprise of the survey team, both the material and coloration transform abruptly as a function of proximity to the observer, irrefutable evidence that we are dealing with that rarest of finds: a device (specifically a Probability Amplitude Capacitor) dating back to 1st Systems culture. Together with the tech-inspired design of the altarpiece in the cave of the Cult of Mysteries, it would seem that this is a case of trash from an earlier, more scientifically-adept civilization inspiring a cult of veneration within a different occupation layer at a much later date.

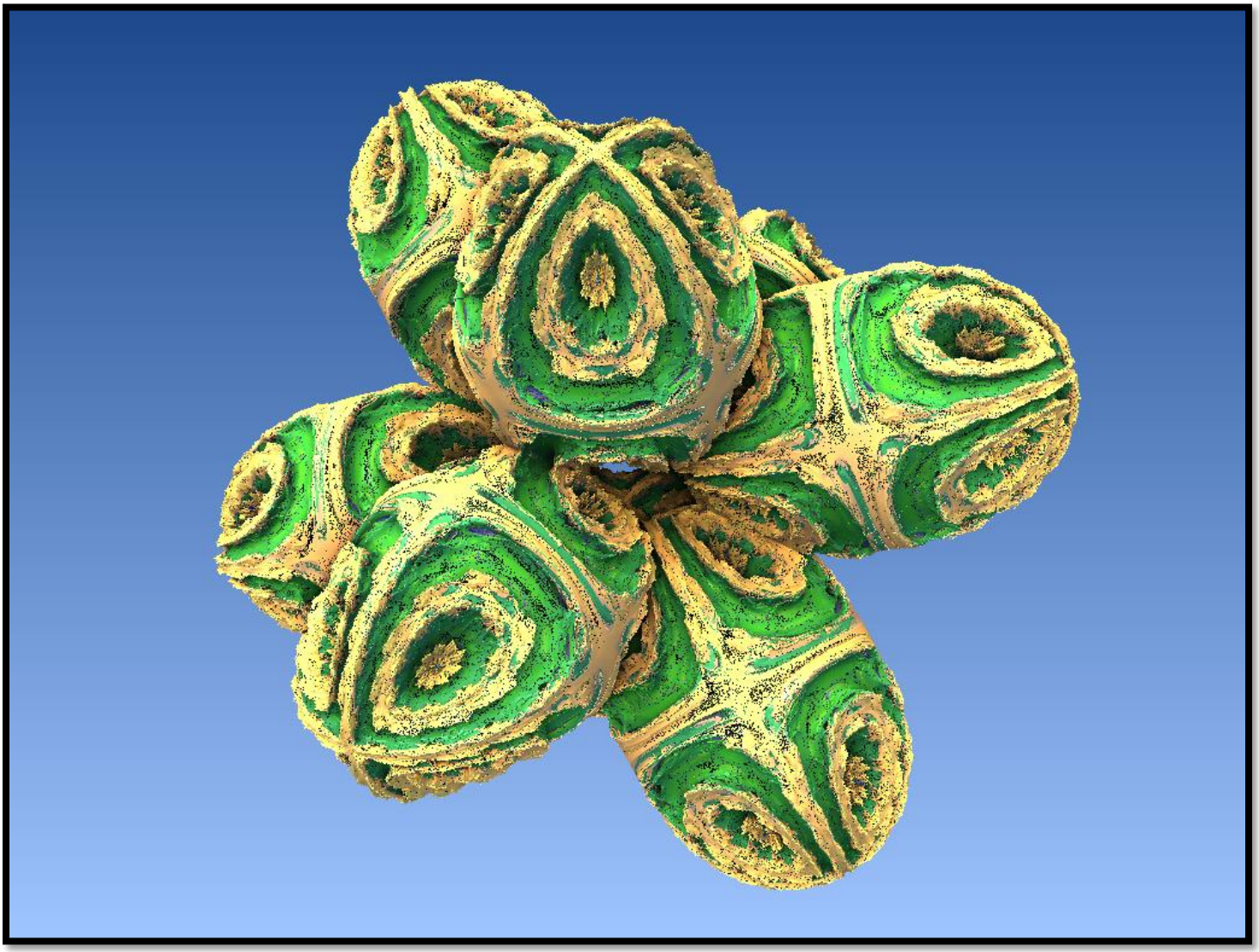


Exhibit No. 73 (Teegarden’s Star b)

The Badlands cave system recently discovered on Teegarden's Star b has become the find of the local decade, with the identification of a 1st Systems repository, as unique as it is unexpected this far from their home world. Picto-grams on the walls of the cave of the Cult of Mysteries led investigators deep underground to the "holy of holies", an artificial chamber constructed with an unknown, surgically-precise technique that left razor-sharp edges and no signs of displaced soil. The most promising items recovered are a set of miniaturized phase engines, one small enough to be worn on the wrist! Although completely inactive, successful reverse engineering would revolutionize the transportation industry. Skeptics have wasted no time in pointing out that the PAC figurine retrieved earlier from this site is dangerously unstable, and that what appears to be an inaccessible subterranean warehouse could easily turn out to be a purpose-built off-world hazardous waste skip.

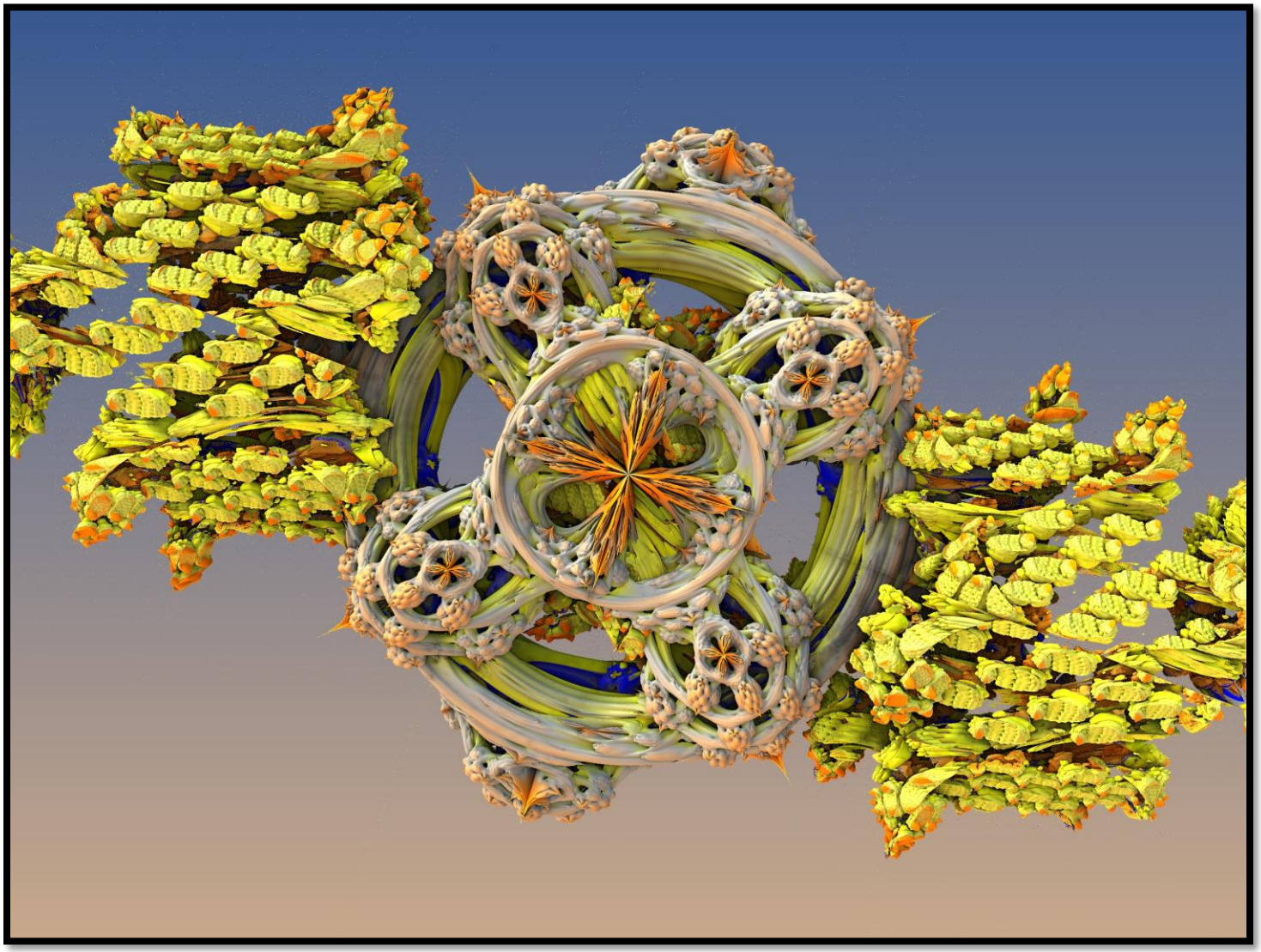
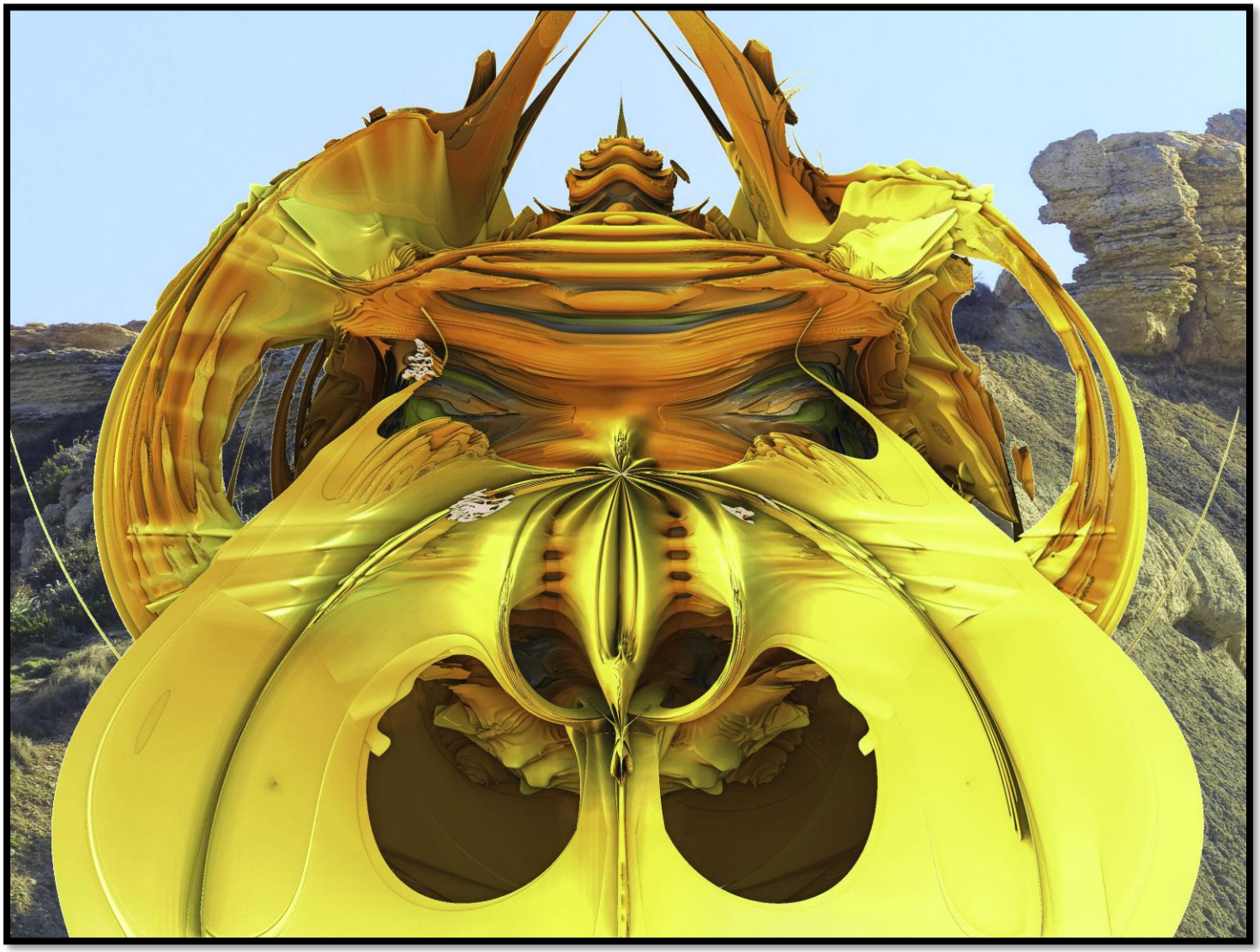


Exhibit No. 74 (Teegarden’s Star b, TRAPPIST-1d, and TRAPPIST-1e)

A disc of memory material has been recovered from the 1st Systems repository in the Yegan Badlands on Teegarden's Star b. As with two similar devices studied on TRAPPIST-1d, the artifact responds to organic surface pressure by decompressing into a transport vehicle, in this case a slick model designed for high-speed surface travel.

Team Manager's Log: Just when I thought that this project could not get any more exciting, we find a working land rover from an explorer's toolkit dating back nearly 100K local cycles. Furthermore, it is cut from the same techno-cloth as the personal flyer and submersible craft carried by colonists to TRAPPIST-1d from sister planet 1e. Which begs the question: How did a culture 27 Light Years distant get their tentacles on similar 1st Systems treasures? Is there a comparable repository of wonders somewhere under the nuclear winter on TRAPPIST-1e? Finds like this that build bridges between worlds and illuminate new avenues of investigation are what make my career so rewarding.



Jupiter Gallery Five: Closed for Decontamination & Renovations

We at the J6G would again like to extend our deepest sympathies to anyone involved in the unfortunate incident last local cycle. Our Risk Assessment Team has redoubled its efforts to assure our visitors that their experience will be both stimulating and as safe as possible.

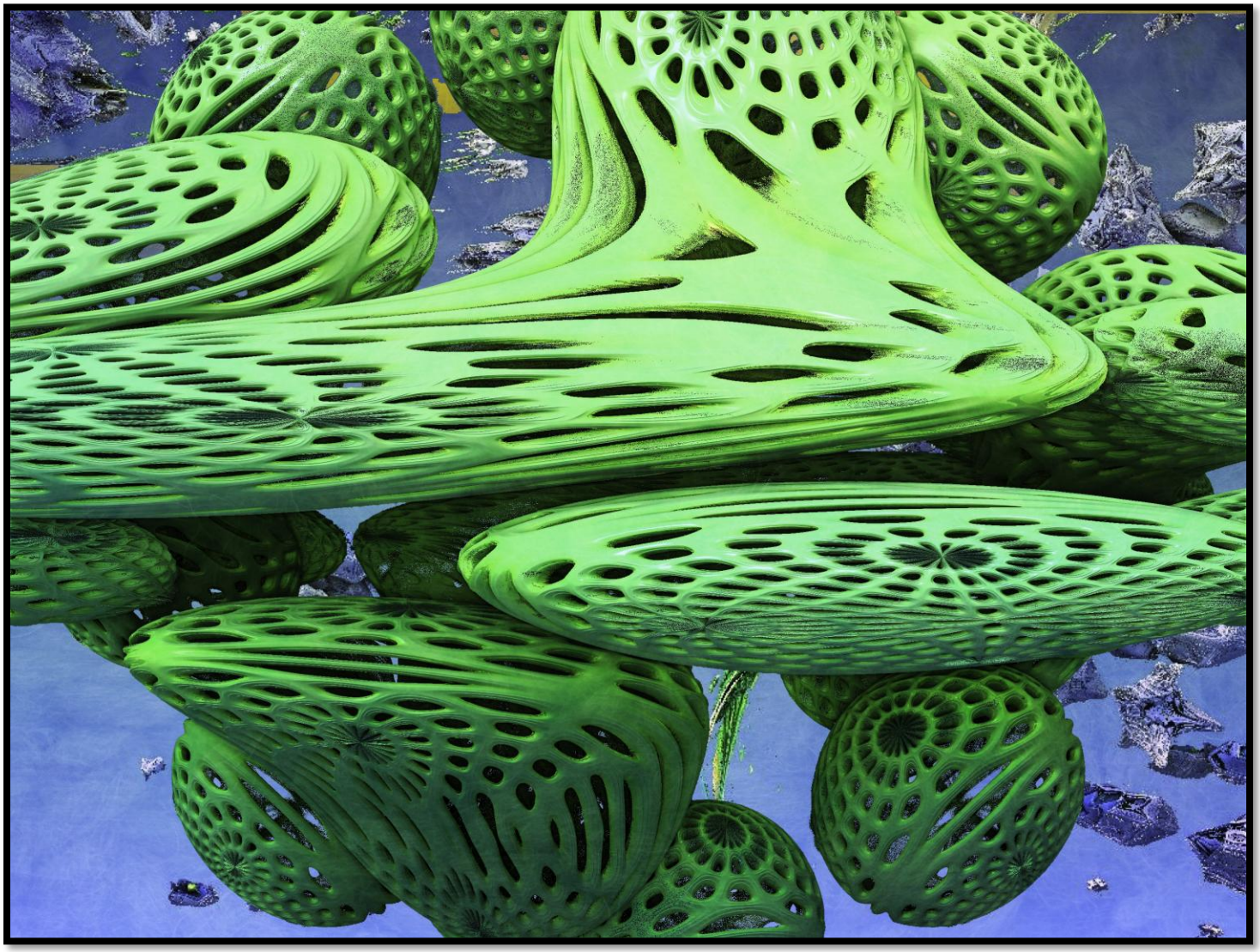
Jupiter Gallery Six: SCS Observation Lounge

Bulletin 44 from the CSC 1061c Research Station

First positive news from the Global Seabed Initiative, headquartered on the orbital Coalition facility at Gleese 1061c. Side-scan gravnar and other maritime geophysical surveys have never revealed artificial structures, but follow-up of a weak anomaly camouflaged by a thermal vent has uncovered this unique find. Preliminary bath-uh-metric data suggests that the artifact is stabilized in a depth attractor by the energy from the vent, indicating a relationship to the artificial satellites at nearby 1061b.

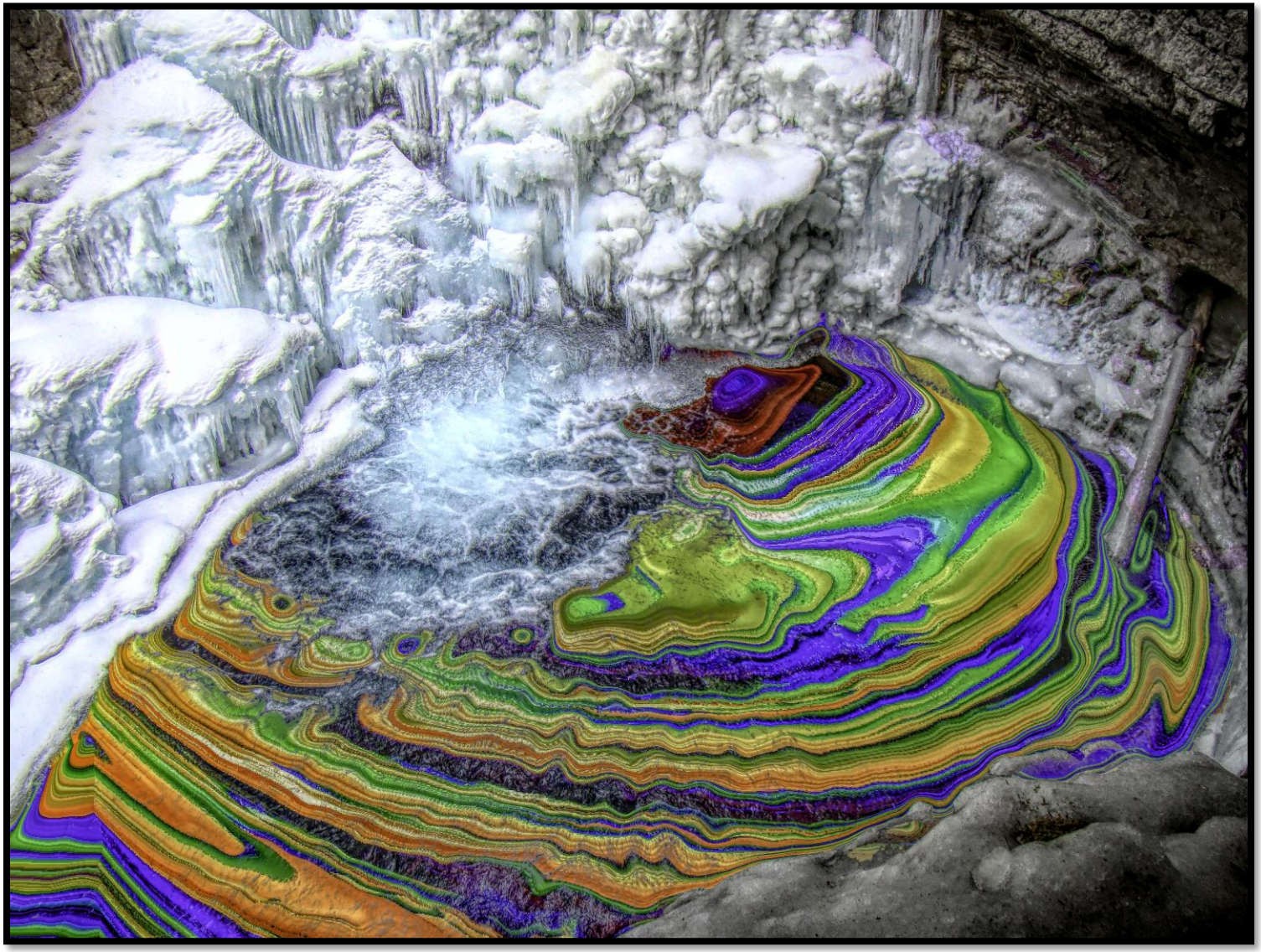
Bulletin 55 from the CSC 1061c Research Station

Renewed efforts to identify submerged anomalies in the oceans of Gleese 1061c following the discovery of the first sentient-made artifact have finally met with success. The Global Seabed Initiative, headquartered on the orbital Coalition facility, has reported the discovery of an intact underwater city, perhaps local centuries-old, located above what was once an enormous islet or promontory off the eastern coast of Lakonia. The metropolis, dubbed New Pavlopetri, had remained undetected despite repeated scans of this area until a visiting metallurgist studying the Flying Dutchman of Gleese suggested recalibration to search for pressure-resistant treated glass. Initial surveys suggest the site is in fine condition, with no breaches, concretions, or damage from piddock analogs. No timeline for artifact recovery has been established, given the lack of apparent access ports and the threat of explosive compression.



Bulletin 58 from the CSC 1061c Research Station

More positive results from the orbital Coalition facility above waterworld Gleese 1061c. Following the success of the Global Seabed Initiative in improving the sensitivity of their scans by recalibrating for tempered-glass signatures, the interdisciplinary team turned its attention to icy 1061d, which has so far yielded little of archaeological import. Depicted here is a high-altitude reconnaissance photograph of the entrance to a frozen cenote with what appears to be an artificial structure preserved beneath the ice. Although the colored stripes have an organic appearance, they more likely consist of the same material as the hull of the ship in eccentric orbit around Gleese, which was discovered earlier this local year as it approached perihelion.



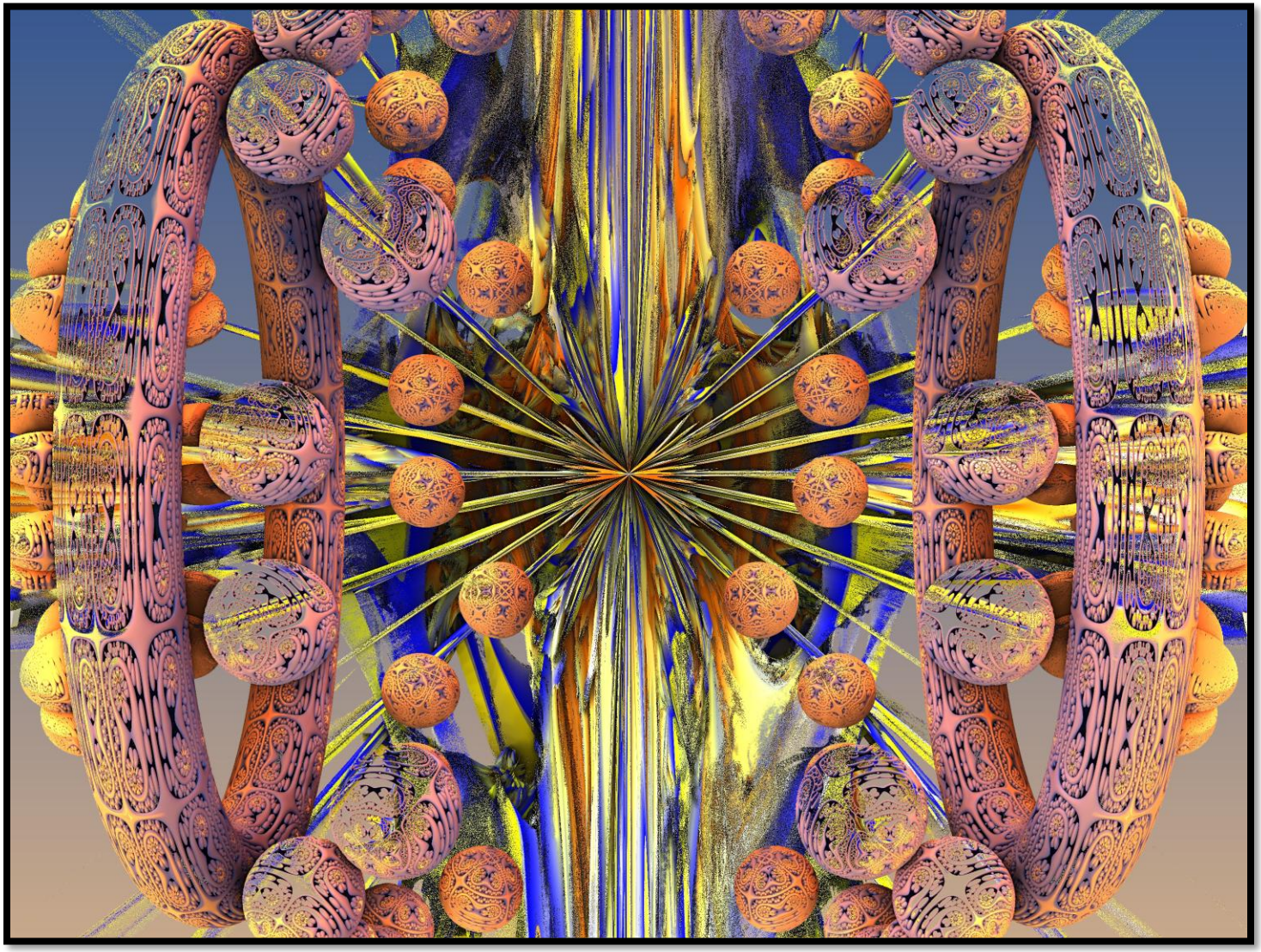
Bulletin 9 from the CSC Travel Department, Advisory Section

Plant storms on Kepler 62E are all too prevalent this year in the scrublands between the Southern Talarian jungle and the foothills of the Talarian Range. These vicious attacks by carnivorous micro-ecosystems begin when a PSA detects biochemical markers from sweat or blood, and orients towards the source. This triggers PSB to initiate a swirling motion with its vines, which has the effect of entangling and immobilizing the prey. Finally, PSC uses its sharp tendrils to breach the skin and deliver potent digestive enzaimes. The best offense is to stay alert and be prepared. Using scent maskers, wearing protective clothing, and carrying an appropriate herbicide will reduce the risks, as will avoiding travel at dusk, and staying clear of scrub circles.

Bulletin No. 46 from the CSC Computational Department

Depiction of the most recent breakthrough by the computational branch of the Coalition Science Council. The FTL processor relies on a hybrid of two alien technologies. The synaptic elements are adapted from the incursion spheres first discovered in the Tau Seti system nearly a Terran century ago. These have been integrated with an anarchy-dampening material retrieved by the orbital Coalition facility at Gleese 1061c from the nahv unit of an ancient craft recently discovered in that system. This combination delivers pseudo-FTL computing speeds by identifying attractors within the domain of solutions, and only focusing resources there.

The Computational Chair has released a statement outlining potential applications of the FTL processor, including activation of the DICE furnace, an artifact that may someday revolutionize space travel by replacing faster than light engines with propulsion by probability manipulation. Activists opposed on principle to recursion sphere research are urged to keep an open mind. It has after all been nearly half a Terran century since the unfortunate incident on Venus.

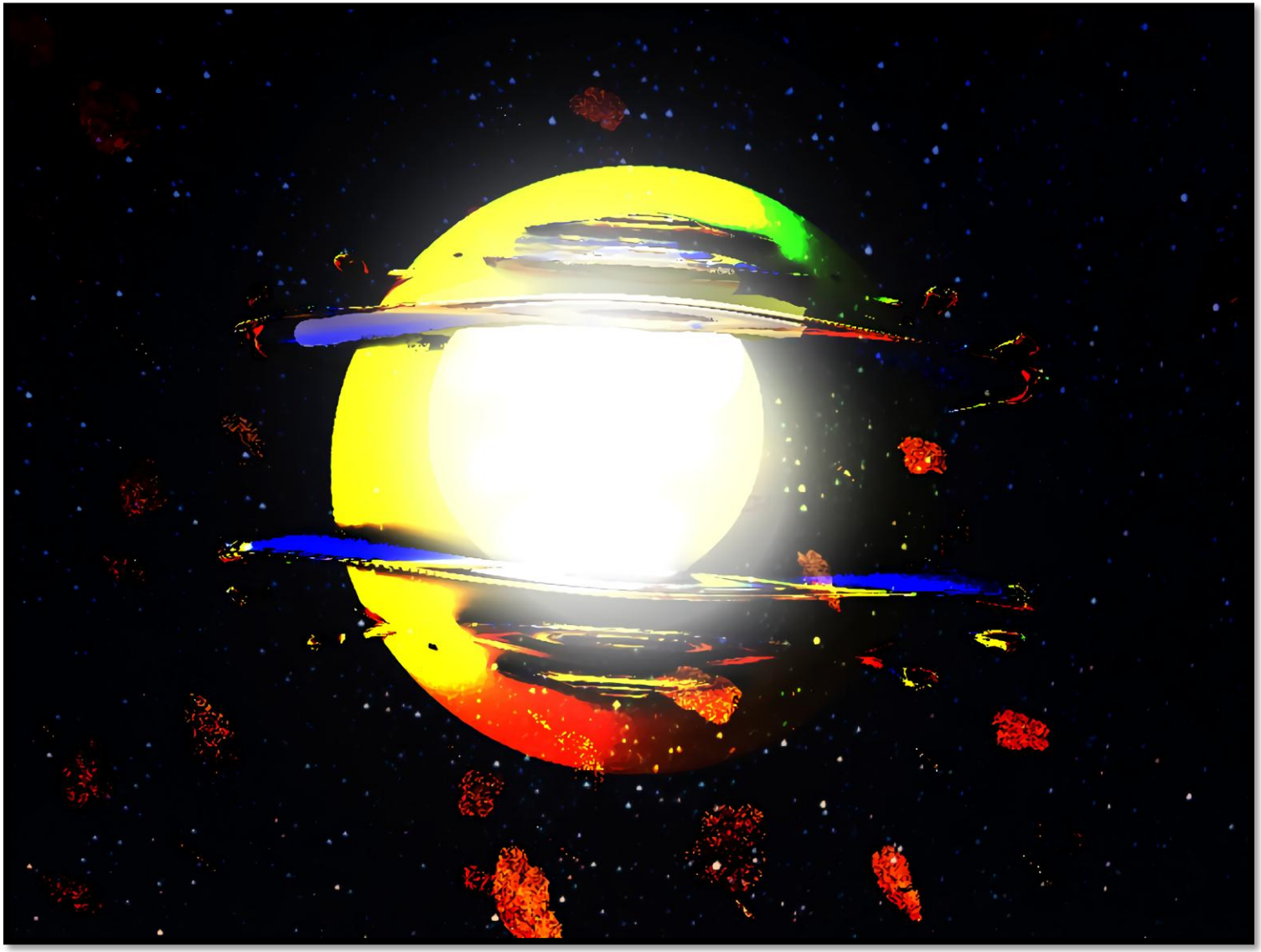


Bulletin No. 50 from the CSC Computational Department & CSC Deep Space Exploration Department

Raw signal with adaptive correction from the automated scouting expedition to Kepler 1606b. Promising first images reveal an ocean and significant artificial embellishment of the adjacent coastline, hinting at an advanced civilization. Yet the complete absence of power signatures must be disheartening, especially to the tertiary system responsible under the DICE rules for meeting the unprecedented fuel requirements of this controversial project. Will any trace of the signal that so galvanized the scientific community and polarized meta-environmentalists come to light?

Bulletin No. 60 from the CSC Deep Space Exploration Department

Depiction of the feed from an automated probe to the Boyajian system, nearly 1500 light-years distant. The objective of the mission is to determine once and for all whether the enigmatic light curve from this otherwise unextraordinary F-type star is due to a Dyson sphere or merely a singular comet cluster or other natural phenomenon. The probe has revealed an unexpected answer: the dips are caused by the close-orbit transit of an enormous volume of artificial debris, possibly the wreckage from an energy-harvesting megastructure. The presence of this ultralight alloy, which has yet to be identified, solves the riddle of the light signature, but raises questions about who the builders were, where they are now, and how one of the engineering marvels of the galaxy ended its days as swirling shards and dust.



Bulletin No. 51 from the CSC Computational Department

Inside the DICE furnace behind the recent unprecedented mission to Kepler 1606b, a planet nearly one-third as distant as any ever visited under Coalition authority.

DICE, which stands for Deeply Interdimensional Causality Engineering, is a means of manipulating the trajectory of local reality through the multiverses in such a way as to make the existence of a probe or other object inevitable at the selected space-time coordinates. In effect, history is rewritten at the exploration site, with the deck now stacked to select for the presence of a Coalition craft where and when it is needed, without the need for antiquated space travel.

DICE is not without its detractors, who argue that the fallout from such probability meddling could have catastrophic long-term effects. More practically minded meta-conservationists focus on the need to sacrifice a planet-sized mass to meet the energy requirements of a "trip" such as the expedition to Kepler 1606b, and the sad truth that the burden of system destabilization always seems to fall on the tertiary Coalition members, rather than the inner worlds, who are the first to reap the technological benefits from First Contact.

Bulletin No. 65 from the SCS Outreach Department

> This Friday at 19:00 in the Observation Lounge, the SCS and J6G are cohosting a lecture entitled, "The Mystery of the Vanishing 1st Systems." Our speaker, Prof. Ptolemy Lichtenberg, has a background in archaeology and cultural anthropology, and has built his career studying the advanced interstellar civilization that once colonized this corner of the galaxy. Afterwards, there will be a panel discussion with contributions by a CSC rep as well as a Professor of Improbability, and a causality engineer from the Peale Research Station. Don't miss what promises to be a stimulating evening. Photo credit: View from the Entrance to the Feyegan-baum Tunnels, Kepler 1544b (archives of the museum of ex-o-planetary archaeology)

Bulletin No. 66 from the CSC Travel Department

Artist's impression of one of the most iconic scenes in the known systems, and certainly a must-see for anyone planning a visit to Kepler 1544b. The technology behind this artificial wonder dates back to the mysterious 1st Systems, which means that the platforms that survived the Great EMP had quietly greeted millennia of sunrises before any of the civilizations now represented in the Coalition had left their cradle.

Thank you for visiting the Jupiter Six Galleries,

Coalition Science Council Station, Jupiter Independent Territories